1. Nascar driver, Mark Martin, has a car that is one of the fastest on the circuit. If it travels 600 miles in 4 hours, what is his cruising speed?
2. The fastest car on Earth, a German-made Thrust SSC, would win every Nascar race in America. If it takes 0.5 hours to travel 380 miles, what is its speed?
3. The fastest plane ever made, the Lockhead SR71, was able to travel 220 miles per hour. Based on this speed how far could it travel in:
4. 2 Hours?
5. 3 Hours?
6. 5 Hours?
7. Suppose a car travels 60 kilometers the first two hours and 15 kilometers the next hour. What is the car’s average speed?
8. A car travels 423 miles from Chicago to Indianapolis. If they traveled at a speed of 47mph, how long did it take them to get to their destination?
9. An approaching storm is moving at 15km/h. What do you need to know to determine its velocity.